



FORM PTO-1449 (Modified)		Attorney Docket No.: 080129-000100US		Application No.: 10/061,979		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Jeremy S. Lee et al.				
		Filing Date: January 31, 2002		Group: Unassigned 1636		
Reference Designation		U.S. PATENT DOCUMENTS		Ex. Marvich Page 1 of 1		
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
MM BJ.	5,532,129	07/02/96	Heller			
MM BK.	5,589,692	12/31/96	Reed			
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
MM BL.	WO 95/15971	06/15/95	PCT			
MM BM.	WO 96/40712	12/19/96	PCT			
MM BN.	WO 97/46568	12/11/97	PCT			
MM BO.	WO 99/31115	06/24/99	PCT			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
MM BP.	Bandekar et al., "Copper (II) Nucleic Acid Interactions - a Conformational Study," <u>Chemical Abstracts</u> , 91(23):190 abstract # 188121w (XP-002100894) (December 3, 1979).					
MM BQ.	Maskos et al., "Interaction of Metal Ions with Nucleic Acids. Interaction of Copper (II) with Pyrimidine Nucleosides and Their Derivatives," <u>Chemical Abstracts</u> , 92(7):218 abstract # 53563s (XP-002100895) (February 18, 1980).					
MM BR.	Nielsen et al., "Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide," <u>Science</u> , 254:1497-1500 (December 6, 1991).					
MM BS.	Braun et al., "DNA-Templated Assembly and Electrode Attachment of a Conducting Silver Wire," <u>Nature</u> , 391:775-778 (February 19, 1998).					
MM BT.	Aich et al., "M-DNA: A Complex Between Divalent Metal Ions and DNA Which Behaves as a Molecular Wire," <u>Journal of Molecular Biology</u> , 294:477-485 (1999).					
MM BU.	Wang et al., "Electrochemically Induced Release of DNA from Gold Ultramicroelectrodes," <u>Langmuir</u> , 15:6541-6545 (1999).					
MM BV.	Porath et al., "Direct Measurement of Electrical Transport Through DNA Molecules," <u>Nature</u> , 403:635-638 (February 10, 2000).					
MM BW.	Gelbart et al., "DNA-Inspired Electrostatics," <u>Physics Today</u> , 53:38-44 (September, 2000).					
MM BX.	Ratkin et al., "Metallic Conduction Through Engineered DNA: DNA Nanoelectronic Building Blocks," <u>Physical Review Letters</u> , 86: 3670-3673 (April 16, 2001).					
EXAMINER MM Marvich DATE CONSIDERED 2/19/04						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Filing Date: Herewith	Group: Unassigned

Reference Designation **U.S. PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
MM AA.	4,562,157	12/31/85	Lowe et al.			
MM AB.	5,278,043	1/11/94	Bannwarth et al.			
MM AC.	5,556,752	9/17/96	Lockhart et al.			
MM AD.	5,561,071	10/01/96	Hollenberg et al.			
MM AE.	5,591,578	1/07/97	Meade et al.			
MM AF.	5,679,647	10/21/97	Carson et al.			
MM AG.	5,705,348	1/06/98	Meade et al.			
MM AH.	5,770,369	6/23/98	Meade et al.			
MM AI.	5,780,234	7/14/98	Meade et al.			
MM AJ.	5,780,448	7/14/98	Davis et al.			
MM AK.	5,804,556	9/08/98	Carson et al.			
MM AL.	5,824,473	10/20/98	Meade et al.			
MM AM.	5,830,877	11/03/98	Carson et al.			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN.	DeMeester et al., "X-Ray Evidence for Adenine N(1)-Metal Bonding in a Cobalt-9-Methyladenine Complex," <i>Biochem. Biophys. Acta</i>, 324:301-303 (1973).
AO.	McCall et al., "Crystal Structure of a Zinc-(9-Methyladenine) Complex with N1 as the Preferred Binding Site," <i>Biochem. Biophys. Acta</i>, 390:137-139 (1975).
AP.	Swaminathan et al., "The Crystal Structures of Metal Complexes of Nucleic Acids and Their Constituents," <i>CRC Crit. Rev. Biochem. Mol. Biol.</i>, 14:245-336 (1979).
AQ.	Braun et al., "Immunogenic Duplex Nucleic Acids are Nuclease Resistant," <i>J. Immunol.</i>, 141(6):2084-2089 (1988).
AR.	Lever, <i>Inorganic Electronic Spectroscopy</i>, Elsevier, 503-542 (1988).
AS.	Cheung, "Resonance Energy Transfer," <i>Topics in Fluorescence Spectroscopy</i>, Vol. 2: Principles, Plenum (J.R. Lakowicz, ed.), 127-176 (1991).
AT.	Palecek, "Local Supercoil-Stabilized DNA Structures," <i>CRC Crit. Rev. Biochem. Mol. Biol.</i>, 26(2):151-226 (1991).
AU.	Yagil, "Paranemic Structures of DNA and Their Role in DNA Unwinding," <i>CRC Crit. Rev. Biochem. Mol. Biol.</i>, 26(516):475-559 (1991).

* documents not provided

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AV.	Clegg, "Fluorescence Resonance Energy Transfer and Nucleic Acids," <i>Methods in Enzymology</i>, 211:353-371 (1992).		
AW.	Roesler et al., "The Liver-Enriched Transcription Factor D-Site-Binding Protein Activates the Promoter of the Phosphoenolpyruvate Carboxykinase Gene in Hepatoma Cells," <i>J. Biol. Chem.</i>, 267(29):21235-21243 (1992).		
AX.	Brunger, <i>X-PLOR Manual, Version 3.1: A System for X-Ray Crystallography and NMR</i>, Yale University Press, (1993).		
AY.	Lee et al., "A Cooperative Conformational Change in Duplex DNA Induced by Zn²⁺ and Other Divalent Metal Ions," <i>Biochem. Cell Biol.</i>, 71:162-168 (1993).		
AZ.	Lilley et al., "The Structure of the Four-Way Junction in DNA," <i>Annu. Rev. Biophys. Biomol. Struct.</i>, 22:299-328 (1993).		
BA.	Murphy et al., "Long-Range Photoinduced Electron Transfer Through a DNA Helix," <i>Science</i>, 262:1025-1029 (1993).		
BB.	Seeman et al., "DNA Branched Junctions," <i>Annu. Rev. Biophys. Biomol. Struct.</i>, 23:53-86 (1994).		
BC.	Kessler, <i>Nonisotopic Probing, Blotting and Sequencing</i>, L.J. Kricka, Ed., Academic Press, 3-40 (1995).		
BD.	Arkin et al., "Rates of DNA-Mediated Electron Transfer Between Metallointercalators," <i>Science</i>, 273:475-480 (1996).		
BE.	Hall et al., "Oxidative DNA Damage Through Long-Range Electron Transfer," <i>Nature</i>, 382:731-735 (1996).		
BF.	Dandliker et al., "Oxidative Thymine Dimer Repair in the DNA Helix," <i>Science</i>, 275:1465-1468, (1997).		
BG.	Lewis et al., "Distance-Dependent Electron Transfer in DNA Hairpins," <i>Science</i>, 277:673-676 (1997).		
BH.	Taubes, "Double Helix Does Chemistry at a Distance-But How?" <i>Science</i>, 275:1420-1421 (1997).		
BI.	Haughland, <i>Handbook of Fluorescent Probes and Research Chemicals</i>, 6th Ed., 157.		
	not provided		
EXAMINER <i>M. Mannick</i>		DATE CONSIDERED <i>2/19/04</i>	

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